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Patent

Case No.: 57654US002

32692

Customer Number



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: WEBER, MICHAEL F.

Patent No.: 7019905

Application No.: 10/748396

Dated: March 28, 2006

Confirmation No. 7558

Title: MULTILAYER REFLECTOR WITH SUPPRESSION OF HIGH ORDER REFLECTIONS

**REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 CFR § 1.322 AND 1.323**

Commissioner for Patents  
Office of Publication  
Attn: Certificate of Correction Branch  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

October 5, 2006  
Date

*Andrea Newhouse*  
Signed by: Andrea Newhouse

Dear Sir:

It is respectfully requested that a Certificate of Correction be issued in connection with the above-identified patent. The required text is submitted on the attached form.

The errors are attributable to both the Applicant(s) and the Patent and Trademark Office.

**Fees:**

☒ Please charge the fee provided in 37 CFR § 1.20(a) to Deposit Account No. 13-3723.

One copy of this sheet marked duplicate is also enclosed.

☒ If necessary, charge any required fee, or credit any overpayment to Deposit Account No. 13-3723.

**Certificate  
OCT 13 2006  
of Correction**

10/11/2006 TBESKAM2 00200009 133723 7019905  
01 FC:1811 103.03 DA

**OCT 16 2006**

A copy of the PTO Form 1449 which was submitted by Applicant in the subject application on July 28, 2005, and subsequently initialed and dated by the Examiner, is enclosed. This paperwork substantiates that the reference(s) listed on the attached Certificate of Correction should appear on the patent and that the error of omitting the reference(s) on the printed patent is attributed solely to the USPTO.

Respectfully submitted,

5 Oct 2006  
Date

By: Stephen C. Jensen  
Stephen C. Jensen, Reg. No.: 35,207  
Telephone No.: 651-736-3369

Office of Intellectual Property Counsel  
3M Innovative Properties Company  
Facsimile No.: 651-736-3833

OCT 16 2005

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

Page 1 of 2

PATENT NO.: 7019905  
DATED: March 28, 2006  
FIRST NAMED INVENTOR: WEBER, MICHAEL F.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Under Foreign Patent Documents, please add the following references that were cited and considered by the examiner but do not appear on the printed patent:

WO 95/17692 08/29/1995  
WO 95/17699 08/29/1995  
WO 99/36262 07/22/1999

Under Other Publications, please add the following references that were cited and considered by the examiner but do not appear on the printed patent:

Born et al., Principles of Optics Electromagnetic Theory of Propagation, Interference and Diffraction of Light, Table of Contents, pp. 51-70, Pergamon Press, Oxford, 1980.

Kogelnik, Herwig, "Coupled Wave Theory for Thick Hologram Gratings", The Bell System Technical Journal, American Telephone and Telegraph Company, Vol. 48, Nov. 1969.

Schrenk et al., Nanolayer Polymeric Optical Films, Tappi Journal, pp. 169-174, June 1992.

Thelen, Alfred, Design of Optical Interference Coatings, pp. 157-176, Mc Graw-Hill Inc., New York, 1989.

Weber et al., "Giant Birefringent Optics in Multilayer Polymer Mirrors", Science, Vol. 287, 03/31/2000, pp. 2451-2456.

MAILING ADDRESS OF SENDER:

**OFFICE OF INTELLECTUAL PROPERTY COUNSEL  
3M INNOVATIVE PROPERTIES COMPANY  
3M CENTER - P.O. BOX 33427  
SAINT PAUL, MINNESOTA 55133-3427**

PATENT NO. 7019905

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**CERTIFICATE OF CORRECTION**

Page 2 of 2

PATENT NO.: 7019905  
DATED: March 28, 2006  
FIRST NAMED INVENTOR: WEBER, MICHAEL F.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1,

Line 66, Delete "H,L" and insert - - H, L - -, therefor.

Column 3,

Line 29, Delete "indez" and insert - - index - -, therefor.

Column 5,

Line 60, Delete "n<sub>A</sub>, n<sub>D</sub> n<sub>C</sub>, n<sub>B</sub>," and insert - - n<sub>A</sub>, n<sub>D</sub>, n<sub>C</sub>, n<sub>B</sub>, - -, therefor.

Column 8,

Line 58, Delete "n<sub>D</sub> and n<sub>A</sub>" and insert - - n<sub>D</sub> and n<sub>C</sub> - -.

Column 11,

Line 52, Delete "FIG." and insert - - FIGS. - -, therefor.

Line 56, Delete "FIG." and insert - - FIGS. - -, therefor.

Line 58, Delete "FIG." and insert - - FIGS. - -, therefor.

Column 12,

Line 16, In Claim 1, delete "CACDBD)," and insert - - CACDBD, - -, therefor.

Line 34, In Claim 6, delete "mm." and insert - - nm. - -, therefor.

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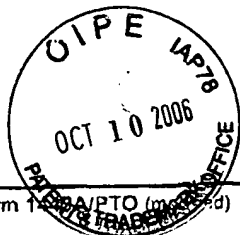
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PATENT NO. 7019905

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Substitute for form 1-22A/PTO (mandatory)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)  Page 1 of 1	Application Number	10/748396
	Filing Date	December 30, 2003
	First Named Inventor	Weber, Michael F.
	Art Unit	2872
	Examiner Name	Pritchett
	Attorney Case Number	57654US002

U.S. Patent Documents					
Exam. Init.*	Cite No.	Document Number Doc. Number-(Kind Code If Known)	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

Foreign Patent Documents							
Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		City, Code	Number-Kind Code (if known)				
W	B1	WO	95/17692	08/29/1995			
W	B2	WO	95/17699	08/29/1995			
W	B3	WO	99/36262	07/22/1999			

OTHER DOCUMENTS			
Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation (Check if yes)
W	C1	Born et al., <i>Principles of Optics Electromagnetic Theory of Propagation, Interference and Diffraction of Light</i> , Table of Contents, pp. 51-70, Pergamon Press, Oxford, 1980.	
W	C2	Kogelnik, Herwig, "Coupled Wave Theory for Thick Hologram Gratings", <i>The Bell System Technical Journal</i> , American Telephone and Telegraph Company, Vol. 48, Nov. 1969.	
W	C3	Schrenk et al., Nanolayer Polymeric Optical Films, <i>Tappi Journal</i> , pp. 169-174, June 1992.	
W	C4	Thelen, Alfred, <i>Design of Optical Interference Coatings</i> , pp. 157-176, Mc Graw-Hill Inc., New York, 1989.	
W	C5	Weber et al., "Giant Birefringent Optics in Multilayer Polymer Mirrors", <i>Science</i> , Vol. 287, 03/31/2000, pp. 2451-2456.	

*Examiner: <i>Plus 2 [Signature]</i>	Date Considered: <i>2/16/06</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in	

OCT 16 2006